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**AWS/DevOps Engineer** +91 99852 41861

**Professional Summary:**

* Professional with over **4+** years of experience in IT industry comprising of **DevOps, AWS** which includes **Software Configuration Management (SCM)**, Build/Release Management, **Continuous Integration** and **Continuous Delivery** using different tools and Cloud System.
* Comprehensive experience in the design and implementation of Continuous Integration, Continuous Deployment, Continuous Delivery and DevOps Operations for Agile projects, working with technologies and platforms including **AWS, Linux, Maven, Jenkins, Ansible, Docker** and **Tomcat**.
* Strong knowledge on Source Controller concepts like **Branches, Merges and Tags**.
* Experience with **CI (Continuous Integration) and CD (Continuous Deployment)** methodologies using Jenkins.
* Experience in improving **continuous integration** workflow, project testing, and deployments with **Jenkins**.
* Created **IAM** Users and Groups and Maintaining the user Access management and Permissions.
* Excelled on creating **AMI (AWS Machine Image)** that utilizes **ELB (Elastic Load Balancer)** and **Auto Scaling**.
* Create and configure **S3 bucket** with restricted policies.
* Created/managed **AMIs**, Snapshots and Volumes.
* Implemented code coverage and unit test plug-ins with **Maven** in **Jenkins**.
* Experience in deploying artifacts such as **WAR** and **EAR** using build automation tools like **Maven**.
* Experienced on building Docker images including setting the entry point and volumes also ran **Docker containers**.
* Experience in Cloud service platforms like **Amazon Web Services**.
* Extensive experience with **Amazon Web Services (AWS)** and its services, maintaining and improving infrastructure, split between physical data centers and AWS and managing full AWS lifecycle, provisioning, automation and security.
* AWS Cloud platform and its features which includes **EC2, VPC, Cloud Watch.**
* Configured **Jenkins** as continuous integration tool for regular source code build.
* Developed various Playbooks and roles in **Ansible**.
* Used **Ansible** and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile/scrum, and Waterfall methodologies.
* Supported Deployments into **DEV, Test & Pre-Prod environments** with multiple Application server technologies like **Apache Tomcat**.
* Managed environments DEV, QA, UAT for various releases and designed instance strategies.
* Good hands on experience in creating Jenkins jobs, plugin installations, setting up distributed builds using master/slave.
* Create the new jobs and run the jobs by using build tools like **Maven.**
* Automate complete Continuous Integration using CI tool Jenkins.
* Skilled in writing **Docker** files to build **Docker images**.
* Configuring the **Docker** containers and creating **Docker files** for different environments.
* Automates the application deployment, configuration management using **Ansible.**

**Skill Set:**

**Version Control Tools** : Git and GitHub, SVN

**Configuration Management :** Ansible, chef

**CI & CD Tools** : Jenkins

**Build Tools :** Maven

**Monitoring Tool :** Nagios

**Operating Systems :** Windows, LINUX and Red Hat Linux

**Web & Application Servers** : Apache Tomcat

**DBMS Servers :** MySQL server

**Cloud :** Amazon Web Services (AWS)

**Containerization :** Docker, Kubernetes

**Professional Experience:**

**Capgemini** (Oct 2017 to till date)

**Role :**  DevOps Engineer

**Environment :** Aws cloud, Git, maven, Cloud Watch, Nagios, VPC, Jenkins, Ansible, Linux, Docker.

**Responsibilities:**

* Create and manage custom applications for software deployment and tool integration using **Jenkins**.
* Creating the new jobs and build the **Jenkins jobs** through **Maven**.
* Managing source code branches for multiple repositories.
* Involved in Amazon Web Services (**AWS**) provisioning and AWS administrations like **EC2, Cloud Watch, IAM.**
* Integrated **Git** into Jenkins to automate the code check-out process.
* Creating and registering the node in **Jenkins**.
* Developed and maintained the continuous integration and deployment systems using, **Maven, Jenkins**.
* Created Branches and performed Merges in **Git.**
* Involved in setting up builds using **Ansible** as a **configuration management tool.**
* Created **Ansible playbooks** and **roles**.
* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using **Ansible.**
* Create Playbooks, automation tools and builds, and do an overall process improvement to any manual processes.
* Designed work flows to automate the **Build and Deploy Process**.
* Installed Jenkins on a Linux machine and created a **master and slave configuration** through a build farm for implementation of multiple parallel builds.
* Involved in Writing **Docker** files to build customized images for creating containers.
* Collaborated with development support teams to setup a continuous delivery environment with the use of **Docker.**
* Experienced with **AWS EC2** instance provisioning and orchestration.
* Used **Docker** as a Containerization tool.
* We are using **Ansible** as primary automation tool in configuring and deploying artifacts to several environments.
* Used **Ansible** and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Managing Jenkins artifacts in **Artifactory** repository and versioning the artifacts with time stamp.
* Inform through mail the compilation errors to the responsible team with error logs.
* Support daily builds and product releases on Linux platform.
* Deployed enterprise J2EE applications that involve**. WAR** files on various environments including **Testing, UAT** environments.
* Used **Nagios** as a Monitoring Tool.

**Company** : **GreyCampus**

**Role :** DevOps Engineer

**Duration** : Oct 2015 to Sep 2017.

**Roles & Responsibilities:**

* Experience in Build tools like Maven, Version control systems like SVN, GIT and CI Tools like JENKINS.
* Good experience in creating Branches, Tags and Release Tags activities and merging.
* Daily activities Included Force builds, daily patches.
* As per requests to Creating and maintaining the Development branches, Release branches, custom Branches and Tags.
* Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Maintain the Access privileges of Jenkins, version control system to developers.
* Good experience in Apache Tomcat configuration.
* Participated in all phases of Build and Release activities.
* Managed and configured various plugins and scheduling the nightly builds in Jenkins in Jenkins CI tool.
* Scheduling the nightly builds in Jenkins.
* Monitoring the disk space and jobs in CI tools.
* Work with various development teams to build and support automated builds, supporting daily continuous integration.
* Excellent communication skills, ability to work as a team or individually, ability to learn new technologies quickly.

**Educational Qualification:**

* B. Tech (Electrical) from JNTU Kakinada.